

IN THE CLAIMS

Please delete all prior lists of claims in the application and insert the following list of claims.

1. (CURRENTLY AMENDED) ~~We claim an An apparatus for a simplified electrical power disturbance detection and indicator gage with learning capability options, wherein said gage comprises comprising a two-part apparatus, a first part comprising a plurality of alpha-numeric displays, a plurality of light emitting diode indicators, a plurality of bar graph displays, a plurality of switches, multiple input terminals, and interconnecting cable and associated connectors operationally connecting the foregoing elements;[,] and a second part comprising a means for connection to a single phase or polyphase power mains, the means dimensioned and configured for determining the existence and duration, or non-existence of specific power line anomalies which affect the operation or process of connected electronic devices connected to a power line, and further comprising a means for memorizing the indicated anomalies detected from previous measured values, without the need for complicated graphs or analysis by experienced technicians or engineering professionals.~~

2. (CURRENTLY AMENDED) ~~We claim an The apparatus for a simplified disturbance detection and indicator gage of claim 1, whereby said wherein the gage consists of a first connection unit part and a second measurement and display part, said wherein the first and second parts may be are interconnected by a cable assembly and weather proof connectors over a distance extending from zero up to 1000 feet.~~

3. (CURRENTLY AMENDED) ~~We claim an The apparatus for a simplified disturbance detection and indicator gage of claim 2, whereby both wherein the first connection unit part and the second measurement and display parts may be are unified into a single gage.~~

4. (CURRENTLY AMENDED) ~~We claim an~~ The apparatus for a simplified disturbance detection and indicator gage of claim 1, ~~whereby said~~ wherein the alphanumeric displays ~~can~~ are dimensioned and configured to display a nominal voltage from 117 volts RMS to 480 volts RMS.

5. (CURRENTLY AMENDED) ~~We claim an~~ The apparatus for a simplified disturbance detection and indicator gage of claim 3, ~~whereby~~ further comprising a manual switch ~~can~~ to select either a WYE or a DELTA connection for polyphase line power.

6. (CURRENTLY AMENDED) ~~We claim an~~ The apparatus for a simplified disturbance detection and indicator gage of claim 1, ~~whereby a~~ wherein the plurality of light emitting diode indicators or incandescent indicators on each phase ~~can~~ are dimensioned and configured to display whether a specific anomaly is either selected from the group consisting of a voltage sag, a voltage spike or surge, or a normal voltage, ~~whereby said indicators are color-coded amber, red, or green according to the cited designation.~~

7. (CURRENTLY AMENDED) ~~We claim an~~ The apparatus for a simplified disturbance detection and indicator gage of claim 1, ~~whereby linear bar-graphs~~ wherein the bar graph displays are dimensioned and configured to display the duration of each measured anomaly, wherein each bar segment of ~~said~~ each bar graph displays represent represents a half-cycle of loss, wherein at a line frequency of 60 hertz, each half cycle represents a duration of 8.33 milliseconds, and wherein ~~said bar-graphs~~ have the bar graphs displays further comprising means for data latching capability to store displayed information as needed.

8. (CURRENTLY AMENDED) ~~We claim an~~ The apparatus for a simplified disturbance detection and indicator gage of claim 7, ~~whereby selection can be made for~~ wherein the bar graph displays are dimensioned and configured to detect a line frequency

of 50 hertz, whereby and further wherein each bar segment ~~will represent~~ represents a duration of ten milliseconds.

9. (CURRENTLY AMENDED) ~~We claim an~~ The apparatus for a simplified disturbance indicator gage of claim 1, wherein ~~said operation or processes of electronic devices includes~~ computers, manufacturing devices, such as numerically controlled milling or production machinery, or industrial processing machinery are connected to the gage.

10. (CURRENTLY AMENDED) ~~We claim an~~ The apparatus for a simplified disturbance indicator gage of claim 1, wherein ~~learning capability can be either from previously measured data or from~~ means for memorizing is operationally connected to a data base which can be entered by an operator by means of a data port.